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JUL-28-2005 11:15 HEWLETT-PACKARD COMPANY **CENTRAL FAX CENTER** 

303 297 2266 PATENT APPLICATION

Intellectual Property Administration

P. O. Box 272400 Fort Collins, Colorado 80527-2400

JUL 2 8 2005 ATTORNEY DOCKET NO. 100110429-1

### UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Gregory V. Hofer et al.

Confirmation No.: 4967

Application No.: 10/002,349

Examiner: Gary Vieaux

Filing Date:

Oct. 30, 2001

Group Art Unit: 2612

Title:

A METHOD AND APPARATUS FOR AUTO-FOCUS CONTROL IN THE PRESENCE OF

ARTIFICIAL ILLUMINATION

Mail Stop Amendment Commissioner For Patents PO Box 1450

Alexandria, VA 22313-1450

#### TALL LETTED FOR RESPONSE/AMENDMENT

| 1    | TRANSMITTAL LETTER                           | FOR RESI ONGE/AMENDIMENT        |           |
|------|--|---------------------------------|-----------|
| Sir: |  |                                 |           |
| Trar | nsmitted herewith is/are the following in th | e above-identified application: |           |
| (X)  | Response/Amendment                           | ( ) Petition to extend time t   | o respond |
| ()   | New fee as calculated below                  | ( ) Supplemental Declaration    | n         |
| (X)  | No additional fee                            |                                 |           |
| ( )  | Other:                                       | (fee \$                         |           |
| _    |  | THE PERSON ASSESSED BY THE      |           |

| (1)<br>FOR       | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR |              | (5)<br>PRESENT<br>EXTRA |        | (6)<br>RATE |       | (7)<br>ADDITIONAL<br>FEES |   |
|------------------|--|------------------------|--|--------------|-------------------------|--------|-------------|-------|---------------------------|---|
| TOTAL<br>CLAIM\$ | 10   | MINUS                  |  | 23           | =                       | 0      | ×           | \$50  | \$                        | C |
| INDEP.<br>CLAIMS | 4  | MINUS                  |  | 8            | n                       | 0      | ×           | \$200 | \$                        | C |
| [ ] FIA          | ST PRESENTATION OF                         | A MULTIPLE             | DEPENDENT                                    | CLAIM        |                         |        | +           | \$360 | \$                        |   |
| EXTENSION FEE    | 1ST MONTH<br>\$120.00                      |                        |  |              | 590.0                   |        | \$          | -     |                           |   |
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to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X)! hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number <u>(703) 872-9306</u> \_ an \_

Number of pages: 10

Gregory V. Hofer et al.

Typed Name: Mariko Mizuno

Robert W. Nelson, Esq.

Attorney/Agent for Applicant(s)

Reg. No. 37,898

Date: 7-28-05

Telephone No.: (303) 298-9888

PAGE 1/10 \* RCVD AT 7/28/2005 1:04:38 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/0 \* DNIS:8729306 \* CSID:303 297 2266 \* DURATION (mm-ss):02-38

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| Gregory V. Hofer   | et al.  | Confirmation No.: 4967  |   |  |  |  |  |  |  |
|  |   | Examiner: Gary Vieaux   |   |  |  |  |  |  |  |
|  |   |   |   | Group Art Unit: 2612   |  |  |  |  |  |
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| (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT   | NUMBER  | HIGHEST NUMBER  | PRESENT   | RATE   | ADDITIO  |  |  |  |  |
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| O to Deplease charge any fer 7 CFR 1.25. Addit 17, 1.19, 1.20 and 19 of the trademark Office fac | posit Access required transmitted   | TOTAL ADDITIONAL Fount 08-2025. At ed or credit eny over sase charge any fees suplicate copy of this  | EE FOR THIS A   | + \$360 H MONTH 590.00 OTHER FEES MENDMENT Uring the polyposit A Account 08 closed.  | \$<br>\$<br>\$<br>endance  | 80   |  |  |  |
|  | UNITED STA Gregory V. Hofer  10/002,349 Oct. 30, 2001 A METHOD AND ARTIFICIAL ILLUM  ARTIFICIAL ILLUM  TRANSMIT  BY STANSMIT  BY STANSMIT  CLAIMS REMAINING AFTER AMENDMENT  10 | UNITED STATES PATE Gregory V. Hofer et al.  10/002,349 Oct. 30, 2001 A METHOD AND APPARATA ARTIFICIAL ILLUMINATION  AMETHOD AND APPARATA ARTIFICIAL ILLUMINATION  TRANSMITTAL LETT  BETEWITH IS/BETE THE FOILOWING IN EXAMENT ARTIFICIAL ILLUMINATION  CLAIMS AS AME  CLAIMS AS AME  (2) CLAIMS AS AME  AFTER AMENDMENT  10 MINUS | IN THE UNITED STATES PATENT AND TRADEMAN Gregory V. Hofer et al.  10/002,349 Oct. 30, 2001 A METHOD AND APPARATUS FOR AUTO-FOCL ARTIFICIAL ILLUMINATION Adment For Patents 22313-1450 TRANSMITTAL LETTER FOR RESPONSE/A BETER AMENDMENT AS AMENDED BY OTHER THAN A CLAIMS AS AMENDED BY OTHER THAN A CLAIMS REMAINING NUMBER EXTRA PREVIOUSLY PAID FOR  10 MINUS 23 | IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  Gregory V. Hofer et al.  10/002,349  Oct. 30, 2001  A METHOD AND APPARATUS FOR AUTO-FOCUS CONTROL ARTIFICIAL ILLUMINATION  ARTIFICIAL ILLUMINATION  TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT  BY AN EXAMPLE OF TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT  BY AN | IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  Gregory V. Hofer et al.  10/002,349  Oct. 30, 2001  A METHOD AND APPARATUS FOR AUTO-FOCUS CONTROL IN THE PRARTIFICIAL ILLUMINATION  ARTIFICIAL ILLUMINATION  AND TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT  BY ARTIFICIAL ILLUMINATION  ARTIFICIAL ILLUMINATION  ARTIFICIAL ILLUMINATION  CREWITH IS/ARE THE following in the above-identified application:  BY ARTIFICIAL ILLUMINATION  CREWITH IS/ARE THE following in the above-identified application:  BY ARTIFICIAL ILLUMINATION  CREWITH IS/ARE THE FOR RESPONSE/AMENDMENT  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  CLAIMS REMAINING AFTER AMENDMENT EXTRA PREVIOUSLY PAID FOR EXTRA  10  MINUS  23  CLAIMS AS AMENDED BY STER THAN A SMALL ENTITY  AND TRADEMARK OFFICE  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  AND TRADEMARK OFFICE  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  AND TRADEMARK OFFICE  CLAIMS REMAINING AFTER AMENDMENT EXTRA PREVIOUSLY PAID FOR EXTRA  10  MINUS  23  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  AND TRADEMARK OFFICE  CLAIMS REMAINING AFTER AMENDMENT EXTRA PREVIOUSLY PAID FOR EXTRA  AND TRADEMARK OFFICE  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  CLAIMS REMAINING AFTER AMENDMENT EXTRA PREVIOUSLY PAID FOR EXTRA | IN THE  UNITED STATES PATENT AND TRADEMARK OFFICE  Gregory V. Hofer et al.  Confirmation No.: 49  Examiner: Gary Vieau  Oct. 30, 2001  A METHOD AND APPARATUS FOR AUTO-FOCUS CONTROL IN THE PRESENCE  ARTIFICIAL ILLUMINATION  ARTIFICIAL ILLUMINATION  TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT  Erewith is/are the following in the above-identified application:  e/Amendment  () Petition to extend time to re  as calculated below  () Supplemental Declaration  ional fee  (fee \$  CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY  (2)  CLAIMS REMAINING NUMBER HIGHEST NUMBER PRESENT RATE ADDITED  ATTER AMENDMENT EXTRA PREVIOUSLY PAID FOR EXTRA PREVIOUSLY PAID FOR EXTRA |  |  |  |

Telephone No.: (303) 298-9888

Attorney/Agent for Applicant(s) Reg. No. 37,898

Date: 7-28-05

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In Re Application of:   | JUL 2 8 2005              |
| Gregory V. Hofer et al.   | Group Art Unit: 2612      |
| Serial No.: 10/002,349 )  | Examiner: Vieaux, Gary    |
| Filed: October 30, 2001   | Atty. Docket: 100110429-1 |
| For: A METHOD AND APPARATUS () FOR AUTO-FOCUS CONTROL () IN THE PRESENCE OF () ARTIFICIAL ILLUMINATION () |                           |
|   |                           |

### RESPONSE TO FINAL OFFICE ACTION MAILED JUNE 2, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed on June 2, 2005, the applicants respond follows:

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

HP Docket No. 100110429-1